

FUEL CELL

Publication number: JP2004119121
Publication date: 2004-04-15
Inventor: YOSHIDA HIROMICHI; WACHI DAISUKE; MOURI MASAHIRO; FUJII YOSUKE; SUGITA SHIGETOSHI; GOTO SHUHEI
Applicant: HONDA MOTOR CO LTD
Classification:
- international: H01M2/08; H01M2/14; H01M8/02; H01M8/04; H01M8/10; H01M8/24; H01M2/08; H01M2/14; H01M8/02; H01M8/04; H01M8/10; H01M8/24; (IPC1-7): H01M8/02
- european: H01M8/02C8M; H01M8/02C10; H01M8/02D; H01M8/02D4
Application number: JP20020279203 20020925
Priority number(s): JP20020279203 20020925

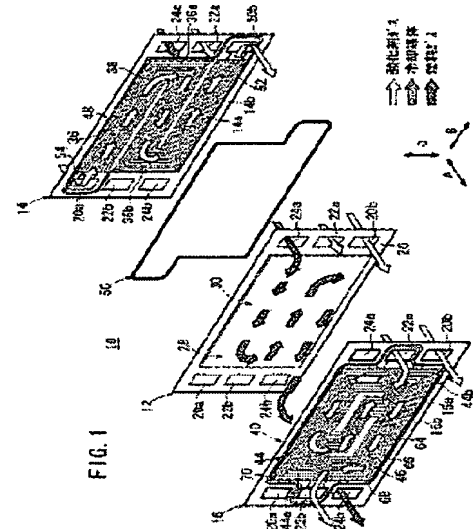
Also published as:

EP1403951 (A2)
 US2004115509 (A1)
 CA2442436 (A1)

[Report a data error here](#)

Abstract of JP2004119121

PROBLEM TO BE SOLVED: To enable to secure a desired power generation performance with a simple constitution by effectively preventing a fluid such as reaction gas from flowing in a passage other than a prescribed fluid passage.
SOLUTION: The fuel cell 10 is constituted so that the electrolyte membrane-electrode structure 12 is held by a first and a second separators 14, 16. A serpentine type oxidizer gas passage 36 formed in zigzag shape is formed on the face 14a of the first separator 14 and covering this oxidizer gas passage 36, that is, covering the anode side electrode 28, and a seal member 50 is installed. A filling seal 54 is installed corresponding to a place where the oxidizer gas is easily leaked in the gap 52 between the seal member 50 and the cathode side electrode 30.
 COPYRIGHT: (C)2004,JPO



Data supplied from the esp@cenet database - Worldwide